



<110> Shionogi &

<120> Immunoassay for BNP

<130> 2000-0259A/JJF/WMC/00177

<140> 09/508,435

<141> 2000-03-13

<150> JP 246684/1997

<151> 1997-09-11

<160> 2

<170> Word (MS-DOS text)

<210> 1

<211> 402

<212> DNA

<213> human

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1 5 10 15	
ttg cat ctg gct ttc ctg gga ggt cgt tcc cac ccg ctg ggc agc ccc	96
Leu His Leu Ala Phe Leu Gly Gly Arg Ser His Pro Leu Gly Ser Pro	
20 25 30	
ggt tca gcc tcg gac ttg gaa acg tcc ggg tta cag gag cag cgc aac	144
Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn	
35 40 45	
cat ttg cag ggc aaa ctg tcg gag ctg cag gtg gac cag aca tcc ctg	192
His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu	
50 55 60	
gag ccc ctc cag gag agc ccc cgt ccc aca ggt gtc tgg aag tcc cgg	240
Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg	
65 70 75 80	
gag gta gcc acc gag ggc atc cgt ggg cac cgc aaa atg gtc ctc tac	288
Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr	
85 90 95	
acc ctg cgg gca cca cga agc ccc aag atg gtg caa ggg tct ggc tgc	336
Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys	
100 105 110	
ttt ggg agg aag atg gac cgg atc agc tcc tcc agt gcc ctg ggc tgc	384
Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys	
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aaa gtg ctg agg cgg cat	402
Lys Val Leu Arg Arg His	
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<212> PRT

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<400> 2

Met Asp Pro Gln Thr Ala Pro Ser Arg Ala Leu Leu Leu Leu Leu Phe

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			20					25					30	Pro
Gly	Ser	Ala	Ser	Asp	Leu	Glu	Thr	Ser	Gly	Leu	Gln	Glu	Gln	Arg
		35					40					45		Asn
His	Leu	Gln	Gly	Lys	Leu	Ser	Glu	Leu	Gln	Val	Glu	Gln	Thr	Ser
	50					55					60			Leu
Glu	Pro	Leu	Gln	Glu	Ser	Pro	Arg	Pro	Thr	Gly	Val	Trp	Lys	Ser
65					70				75					80
Glu	Val	Ala	Thr	Glu	Gly	Ile	Arg	Gly	His	Arg	Lys	Met	Val	Leu
			85					90						95
Thr	Leu	Arg	Ala	Pro	Arg	Ser	Pro	Lys	Met	Val	Gln	Gly	Ser	Gly
			100					105					110	Cys
Phe	Gly	Arg	Lys	Met	Asp	Arg	Ile	Ser	Ser	Ser	Ser	Gly	Leu	Gly
		115					120					125		Cys
Lys	Val	Leu	Arg	Arg	His									
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[0023]

SEQUENCE LISTING

[0024]

SEQ ID NO: 1

SEQUENCE LENGTH: 134

SEQUENCE TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: human

SEQUENCE:

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Met Asp Pro Gln Thr Ala Pro Ser Arg Ala Leu Leu Leu Leu Leu Phe	
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TTG CAT CTG GCT TTC CTG GGA GGT CGT TCC CAC CCG CTG GGC AGC CCC	96
Leu His Leu Ala Phe Leu Gly Gly Arg Ser His Pro Leu Gly Ser Pro	
20                      25                      30	
GGT TCA GCC TCG GAC TTG GAA ACG TCC GGG TTA CAG GAG CAG CGC AAC	144
Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn	
35                      40                      45	
CAT TTG CAG GGC AAA CTG TCG GAG CTG CAG GTG GAC CAG ACA TCC CTG	196
His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu	
50                      55                      60	
GAG CCC CTC CAG GAG AGC CCC CGT CCC ACA GGT GTC TGG AAG TCC CGG	244
Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg	
65                      70                      75                      80	
GAG GTA GCC ACC GAG GGC ATC CGT GGG CAC CGC AAA ATG GTC CTC TAC	292
Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Try	
85                      90                      95	

ACC CTG CGG GCA CCA CGA AGC CCC AAG ATG GTG CAA GGG TCT GGC TGC 340

Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys

100

105

110

TTT GGG AGG AAG ATG GAC CGG ATC AGC TCC TCC AGT GCC CTG GGC TGC 388

Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys

115

120

125

AAA GTG CTG AGG CGG CAT

436

Lys Val Leu Arg Arg His

130

134